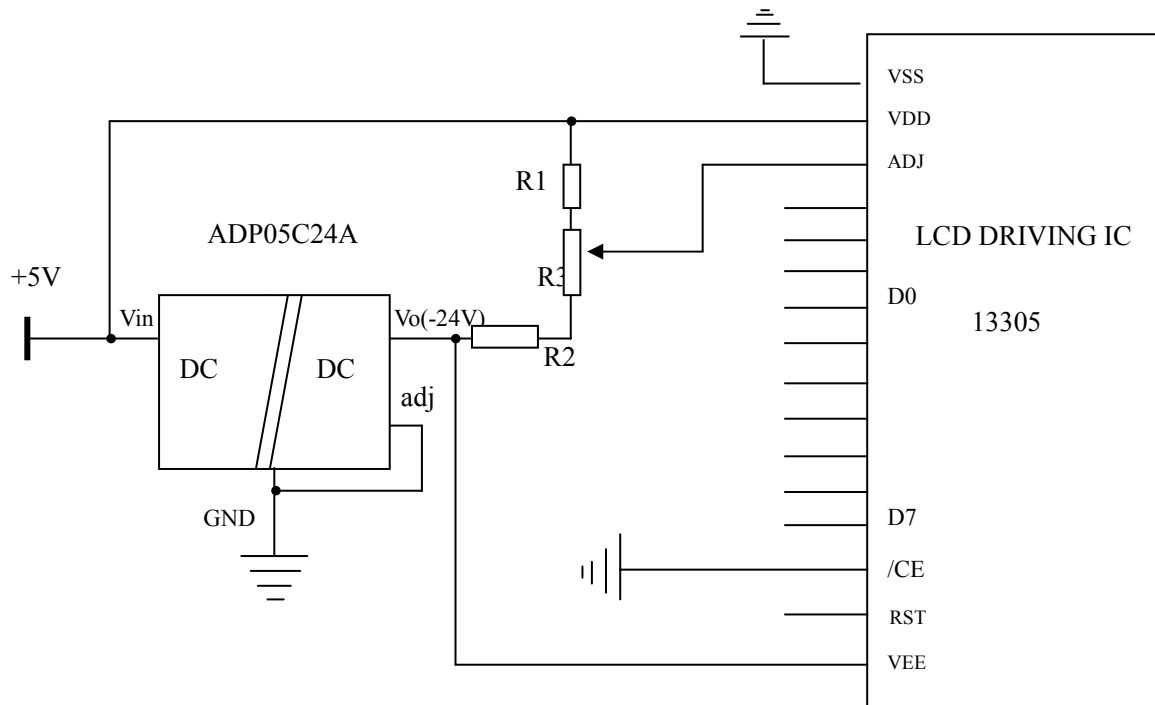


LCD BACKLIGHT CONTRAST ADJUSTER APPLICATION

-24V APPLICATION



FEATURES

- a. In this circuit, we take for example where DC-DC module is used as power source of LCD backlight and contrast adjuster, where the LCD backlight use +5V operation voltage, and where the contract adjuster use -24V input voltage.
- b. The modules provide a stable, high reliability power source for LCD backlight and contrast adjuster.
- c. The divider resistor and adjustable resistor R1, R2 and R3 can be selected based on various demands, and the objective is to get most comfortable visual.

DC-DC POWER MODULE SELECTION GUIDE

SYSTEM POWER SUPPLY	-24V APPLICATION	
	PART NUMBER	PACKAGE
5V	ADP05C24A ADP05C24B	SIP WRAP
NOTES: 1. ADP05C24A: WIDE INPUT (5V-12V), NON-ISOLATION, -24V ADJUSTABLE OUTPUT, SIP PACKAGE. 2. ADP05C24: WIDE INPUT (5V-12V), NON-ISOLATION, -24V REGULATED OUTPUT, SIP PACKAGE. 3. ADP05C24B: FIXED INPUT (4.5V-5.5V), NON-ISOLATION, -24V ADJUSTABLE OUTPUT, WRAP PACKAGE.		

Notes:

- a. The application above is made while assuming LCD IC does not include backlight power. If it does have one, just use ADP05C24A for contrast adjusting.
- b. For special requirements please contact us:

Tel: (978)567-9610 or Fax: (978)567-9601

Website: <http://www.mornsunamerica.com>

E-mail: sales@mornsunamerica.com